

Work Order ID 83661

April-23-12 10:17:16 AM

83661

Page 1

Item ID: D4121-5

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Hose Assembly

Start Date: 23/04/2012 Start Qty: 5.00

5

Cust Item ID:

Required Date: 07/05/2012 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/04/23

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4121

D

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O

Issue P/O: 16804

Hose Assembly as per Dwg D4121

Possible Supplier: API

Material release note is required

CL 12/04/23 (5)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

API (5)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

Item ID: D4121-5 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Hose Assembly
 Start Date: 23/04/2012 Start Qty: 5.00 *5* Cust Item ID:
 Required Date: 07/05/2012 Req'd Qty: 5.00 *5* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00				<u>5</u>			
130 *130* Small Fab Small Fab	Small Fab Memo Install D2729-1 as per Dwg D4121 using D2182-045 Heat Shrink Batch: <u>B21864</u>	0.00 0.00				<u>5x</u>	<u>0</u>		<u>SB 12/05/12</u>
140 *140* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00				<u>0</u>	<u>0</u>		<u>SB 12/05/12</u>

W/O:		WORK ORDER CHANGES						
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID 83661

April-23-12 10:17:16 AM

83661

Page 3

Item ID: D4121-5 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Hose Assembly
 Start Date: 23/04/2012 Start Qty: 5.00 *5* Cust Item ID:
 Required Date: 07/05/2012 Req'd Qty: 5.00 *5* Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: 1921	0.00							
150									
Packaging	Memo	0.00							
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

12/5/12
 MUE
 12-05-04

W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE				By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

April-23-12 10:17:20 AM

Page 1

Work Order ID: 83661

83661

Parent Item: D4121-5

D4121-5

Parent Item Name: Hose Assembly

Start Date: 23/04/2012

Required Date: 07/05/2012

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP
REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C
11.11.16 AS PER DWG REV.D DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156062D1054D000		Purchased		No		110	Each	0.0000	1	5			
156062D1054D000									**				
Hose Assembly													
D2182-045		Manufactured		No		130	Each	0.0000	1	5			
D2182-045									**				
Heat Shrink 4.5" Long													
D2729-1		Manufactured		No		130	Each	0.0000	1	5			
D2729-1									**				
Dart Logo label													

Handwritten notes:
P144p22 (S)
PB 12/05/01
CB 12/05/01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

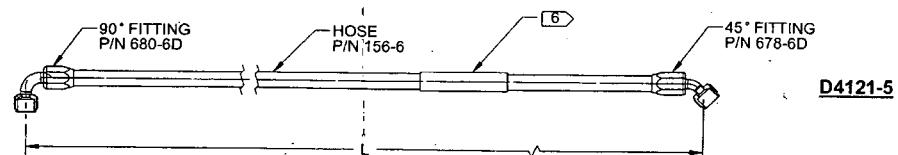
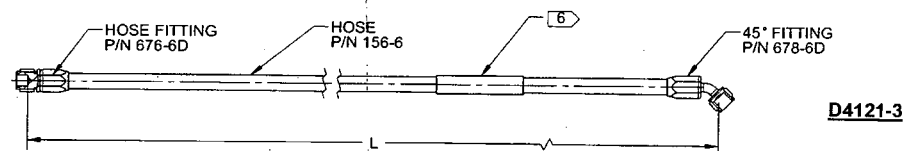
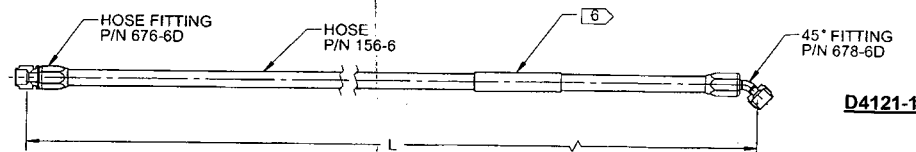
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0590	API/ AVIAL	59.00
D4121-5	156062D1054D000	API/ AVIAL	105.50



- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
 - 7) WEIGHT: N/A
 - 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 83661 MLT
12/04/23

RELEASED
2011-11-16

D	P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)	RF	11.11.14
C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D4121	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HOSE ASSEMBLIES	NTS
DATE	11.11.14	<small> COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC. </small>	

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PACKING LIST



SHIP

73458

PAGE: 1
DATE: 04/24/12
TIME: 14:23
EMP#: 22611
ORD TYP: RG 241
CURRENCY: USD

CUSTOMER P.O.: 16804

ORDER NUMBER: 0012190613- 73458
ORDER DATE: 04/23/12

SHIP VIA: FED PLAM - COLLECT

B 032028
I DART AEROSPACE LTD
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
O

S
H DART AEROSPACE LTD
I 1270 ABERDEEN STREET
P HAWKESBURY ON K6A 1K7
T CANADA
O

S 41270
H AVIALL DALLAS HOSE SHOP
I AVIALL
P HOSE SHOP
F 2755 REGENT BLVD
R DFW AIRPORT TX 75261-9048
O
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT NUMBER 1517-9324-0, AWB# MUST REFERENCE THE PURCHASE ORDER NUMBER, SHIP TO THE ATTN OF CHANTAL 613-632-9577									
1	1S	156003-6D0274 HOSE: MED PRESSURE, RUBBER REIN ST, REF: HS951HD0274 Schedule B: 4009.22.0050 LOT 51241523 EA Country of Origin: U.S.A.	10	10		0 EA	143.34	143.3400	1,433.40
2	1S	156003-6D0590 HOSE: MED PRESSURE, RUBBER REIN ST, REF: Schedule B: 4009.22.0050 LOT 51241524 EA Country of Origin: U.S.A.	4	4		0 EA	178.56	178.5600	714.24
3	1S	156062D1054D000 HOSE: MED PRESSURE, RUBBER REIN ST, REF: Schedule B: 4009.22.0050	5	5		0 EA	294.53	294.5300	1,472.65

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Quality Assurance & Training

Shipped Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED
MERCHANDISE SUBJECT TO HANDLING FEE.
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS
OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER COPY



PACKING LIST



SHIP

73458

PAGE: 2
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ORDER DATE: 04/23/12

SHIP VIA: FED PLAM - COLLECT

B 032028
I DART AEROSPACE LTD
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
OS
H DART AEROSPACE LTD
I 1270 ABERDEEN STREET
P HAWKESBURY ON K6A 1K7
T CANADA
OS 41270
H AVIALL DALLAS HOSE SHOP
I AVIALL
P HOSE SHOP
F 2755 REGENT BLVD
R DFW AIRPORT TX 75261-9048
O
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
------	-----	---------------------	-------------------	------------------	------------	-----	------------	----------------	----------------------------

LOT 51241525 EA
Country of Origin: U.S.A.

*** The recipient of these goods agrees to comply with all export regulations
*** governing the transfer, sale, lease, or use of these goods. Diversion
*** contrary to U.S. Law is prohibited.

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL	3,620.29
AOC TOTAL	0.00
FREIGHT	0.00
FUEL SURCHARGE	0.00
TAXES	0.00
TOTAL	3,620.29

Currency: United States Dollar

CERTIFICATE OF CONFORMANCE

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JR Hofmann, Director, Quality Assurance & Training

Shipped Date

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OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER COPY



Hose Shop 2755 Regent Blvd. DFW Airport

75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 12190613

1. 156003-6D0274 10EA.
2. 156003-6D0590 4EA.
3. 156062D1054D000 5EA. *8/26/30*

Signed: 

Date: 4-24-12

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001